# Original/Duplicate/Triplicate
# CONTRACT CERTIFICATE

(For Other Works)

No. **First & Final** Date.....2015

Division: **Byatarayanapura** Sub-Division: **Kodigehalli sub division**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 007-14-000056**

Schedule Docket No. Head of Account: P2178 Dy. Mayor Est.Cost: 50.00 Lakhs D.R.No. :

Name of Work : **Improvements of Roads and Drains in Amruthanagar C Sector cross roads in ward no 7 Byatarayanapura Kodigehalli sub-division**

Name of Contractor and Full Address: **Sri. NINGANAGOWDA V PATIL.Contractor #57/7,Sri Krishna Nilaya,2nd Main,Ganganagara Layout,Ganganagara, R.T Nagara (P) Bangalore-32**

Reference to Agreement No.EE/BTP/EPT/14665/W.O/80 /2015-16 Date: 27-06-2015

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Certified that the measurements were taken by me on and recorded of Pages of measurement Book No. and that the work is satisfactorily executed.

**Contractor** **Officer-in-charge of work**

Certified that the measurement were taken by me on .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

**Sub-Division Officer**

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount
   adjusted towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

(For use in the Office)

Stamp

**Executive Engineer**

| Sl. No. | Items grouped under sub-Heads and Sub-Works of the Estimate | Unit |
|---|---|---|
| 1 | Removing BS Slab of drain and stacking. | Sqm |
| 2 | Refixing stone slabs of drains and pointing in CM 1:3. | Sqm |
| 3 | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (7.50cms thick) | Sqm |
| 4 | KSRRB M300-2: Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw up to 2mts and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3. | cum |
| 5 | KSRRB M300-52.1. Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material within all lifts and leads upto 1000 metres complete as per specifications.MORTH Specification No. 305.4.3 (P-159, Item No. 19.58 SR 2013-14) | Sqm |
| 6 | KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. (167, I.No. 19.64) | cum |
| 7 | KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. (P. 166, Item No. 20.18) | cum |
| 8 | KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. (P. 171, Item No. 21.6) | Sqm |
| 9 | KSRRB M500-18. Providing and laying semi dense bituminous concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. with 80/100 grade bitumen using 40-60 HMP using mechanical paver (P. 174, Item No. 21.20.5 | cum |
| 10 | KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (Page No. 197, Item No. 24.15) SR 2013-14 | Sqm |
| 11 | KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (P. 5, I.No. 2.3) SR-2013-14 | cum |
| 12 | KSRB 4-1.2: Providing and laying in position plain cement concrete of I mix M10 With OPC cement @ 220 Kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P. 12, I.No. 4.2) SR-2013-14 | cum |
| 13 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P. 25, I.No. 5.6) SR-2013-14 | Sqm |
| 14 | KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (P 16, I.No 4.28) SR-2013-14 | Sqm |
| 15 | KProviding and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel, fabrication and plastering charges)Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-20 (1:1.5:3) (Cement-3320Kg/cum) ( P. 19, I.No. 4.49.1) SR-2013-14 | cum |

| Previous Measurement | | Present Measurement | | | Total Upto Date | | Remarks |
|---|---|---|---|---|---|---|---|
| Qty. | Cost | Qty. | Rate Rs. P. | Amount | Qty | Cost | |
| - | - | 2801.7 | 58.32 | 163395.14 | 2801.7 | 163395.14 | |
| - | - | 2241.36 | 75.6 | 169446.82 | 2241.36 | 169446.82 | |
| - | - | 560.34 | 639.36 | 358258.98 | 560.34 | 358258.98 | |
| - | - | 305.64 | 75.6 | 23106.38 | 305.64 | 23106.38 | |
| - | - | 6652 | 18.36 | 122130.72 | 6652 | 122130.72 | |
| - | - | 6652 | 4.48 | 29800.96 | 6652 | 29800.96 | |
| - | - | 1330.4 | 1438.56 | 1913860.22 | 1330.4 | 1913860.22 | |
| - | - | 6652 | 38.03 | 252975.56 | 6652 | 252975.56 | |
| - | - | 166.3 | 8898.12 | 1479757.36 | 166.3 | 1479757.36 | |
| - | - | 169.8 | 475.2 | 80688.96 | 169.8 | 80688.96 | |
| - | - | 51.84 | 176.04 | 9125.91 | 51.84 | 9125.91 | |
| - | - | 8.64 | 5064.12 | 43754.00 | 8.64 | 43754.00 | |
| - | - | 23.04 | 3836.16 | 88385.13 | 23.04 | 88385.13 | |
| - | - | 33.55 | 236.52 | 7935.25 | 33.55 | 7935.25 | |
| - | - | 13.25 | 5847.12 | 77474.34 | 13.25 | 77474.34 | |

| | | |
|---|---|---|
| 16 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (P. 19, I.No. 4.46) SR-2013-14 | |
| 17 | KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of<br>20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.119.I.No. 15.3) SR-2013-14 | Sqm |
| 18 | Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 5.00 Km ( Page No.141) | cum |
| | **Total** | |

Certificate

1 Certified that the above work done satisfactory and no materials issued from departmentally

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | - | 1.32 | 78351.84 | 103424.43 | 1.32 | 103424.43 |
| Sqm | - | - | 19.2 | 92.88 | 1783.30 | 19.2 | 1783.30 |
| cum | - | - | 330 | 72.71 | 23994.30 | 330 | 23994.30 |
| | | | | | 4949297.75 | | 4949297.75 |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು – 560092